FIG. 1

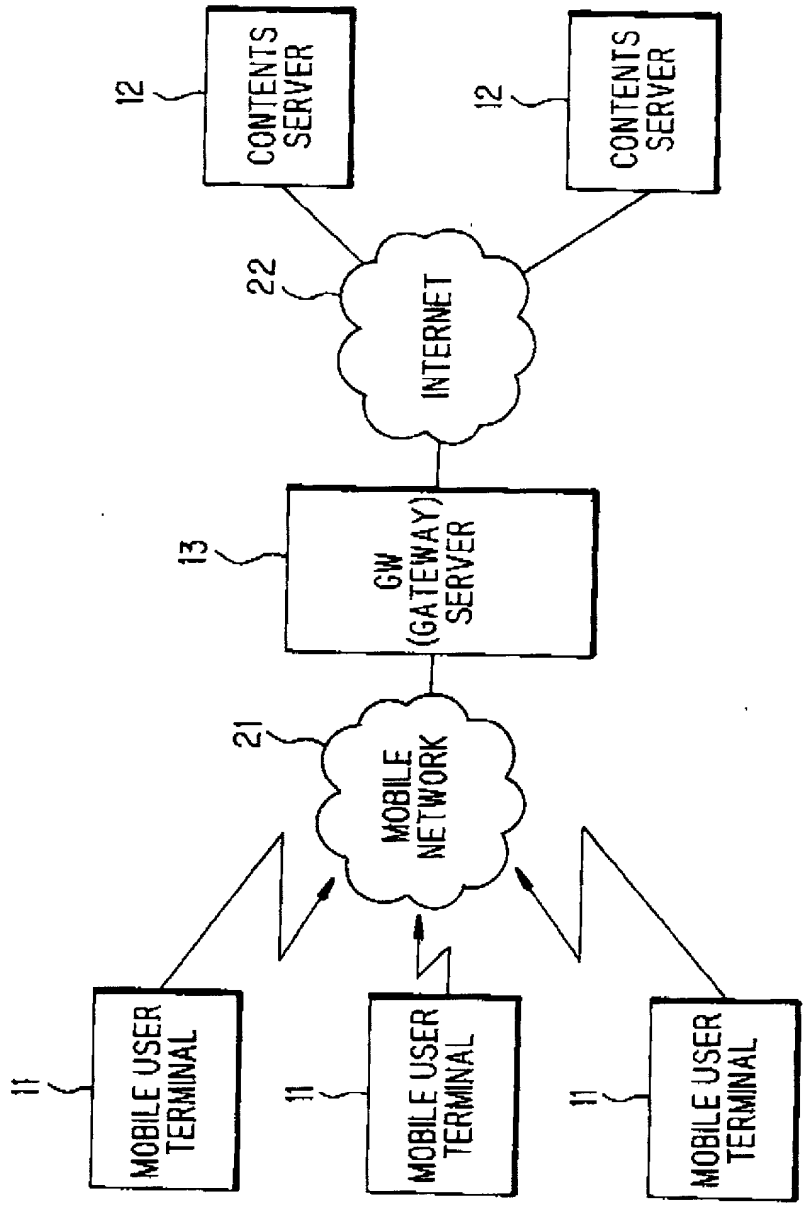

12
CONTENTS SERVER
12
CONTENTS SERVER
22
INTERNET
13
GW (GATEWAY) SERVER
21
MOBILE NETWORK
11
MOBILE USER TERMINAL
11
MOBILE USER TERMINAL
11
MOBILE USER TERMINAL

FIG. 2

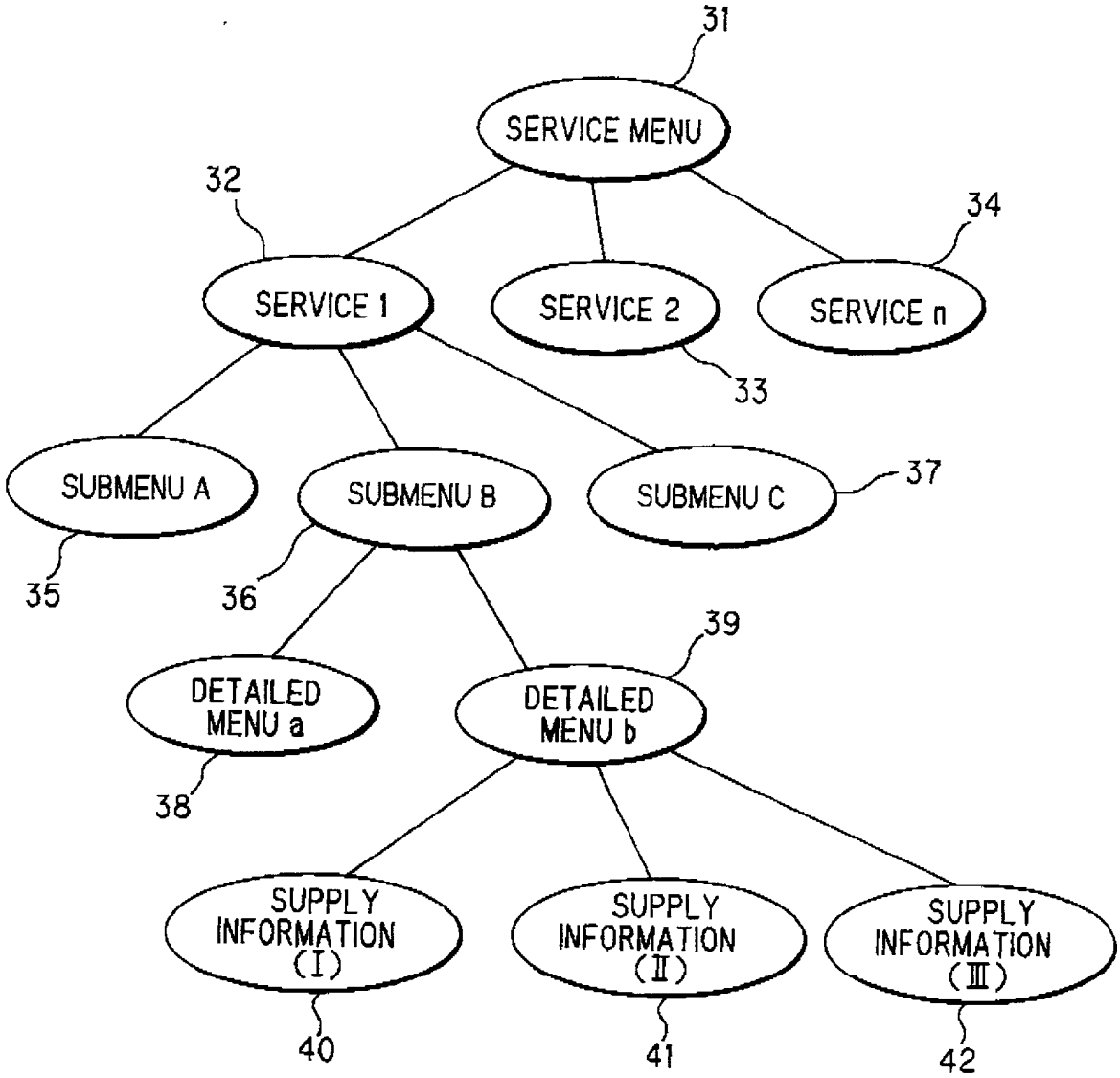

31
SERVICE MENU
32
34
SERVICE 1
SERVICE 2
SERVICE n
33
SUBMENU A
SUBMENU B
SUBMENU C
37
35
36
39
DETAILED MENU a
DETAILED MENU b
38
SUPPLY INFORMATION (I)
SUPPLY INFORMATION (II)
SUPPLY INFORMATION (III)
40
41
42

FIG. 3

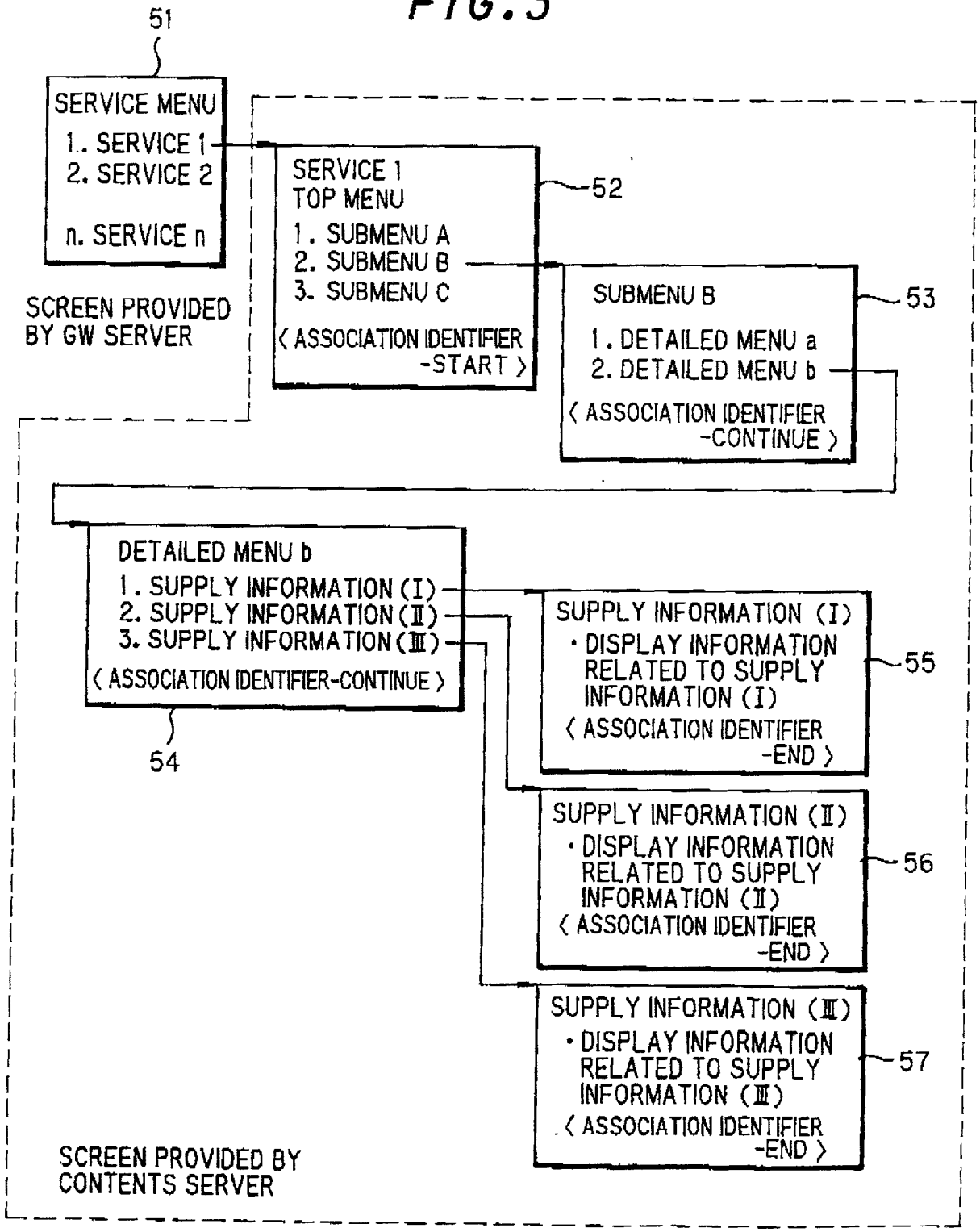

51
SERVICE MENU
1. SERVICE 1
2. SERVICE 2
n. SERVICE n
SCREEN PROVIDED BY GW SERVER
SERVICE 1 TOP MENU
1. SUBMENU A
2. SUBMENU B
3. SUBMENU C
〈 ASSOCIATION IDENTIFIER -START 〉
52
SUBMENU B
1. DETAILED MENU a
2. DETAILED MENU b
〈 ASSOCIATION IDENTIFIER -CONTINUE 〉
53
DETAILED MENU b
1. SUPPLY INFORMATION (I)
2. SUPPLY INFORMATION (II)
3. SUPPLY INFORMATION (III)
〈 ASSOCIATION IDENTIFIER-CONTINUE 〉
54
SUPPLY INFORMATION (I)
・DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (I)
〈 ASSOCIATION IDENTIFIER -END 〉
55
SUPPLY INFORMATION (II)
・DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (II)
〈 ASSOCIATION IDENTIFIER -END 〉
56
SUPPLY INFORMATION (III)
・DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (III)
〈 ASSOCIATION IDENTIFIER -END 〉
57
SCREEN PROVIDED BY CONTENTS SERVER

FIG. 4

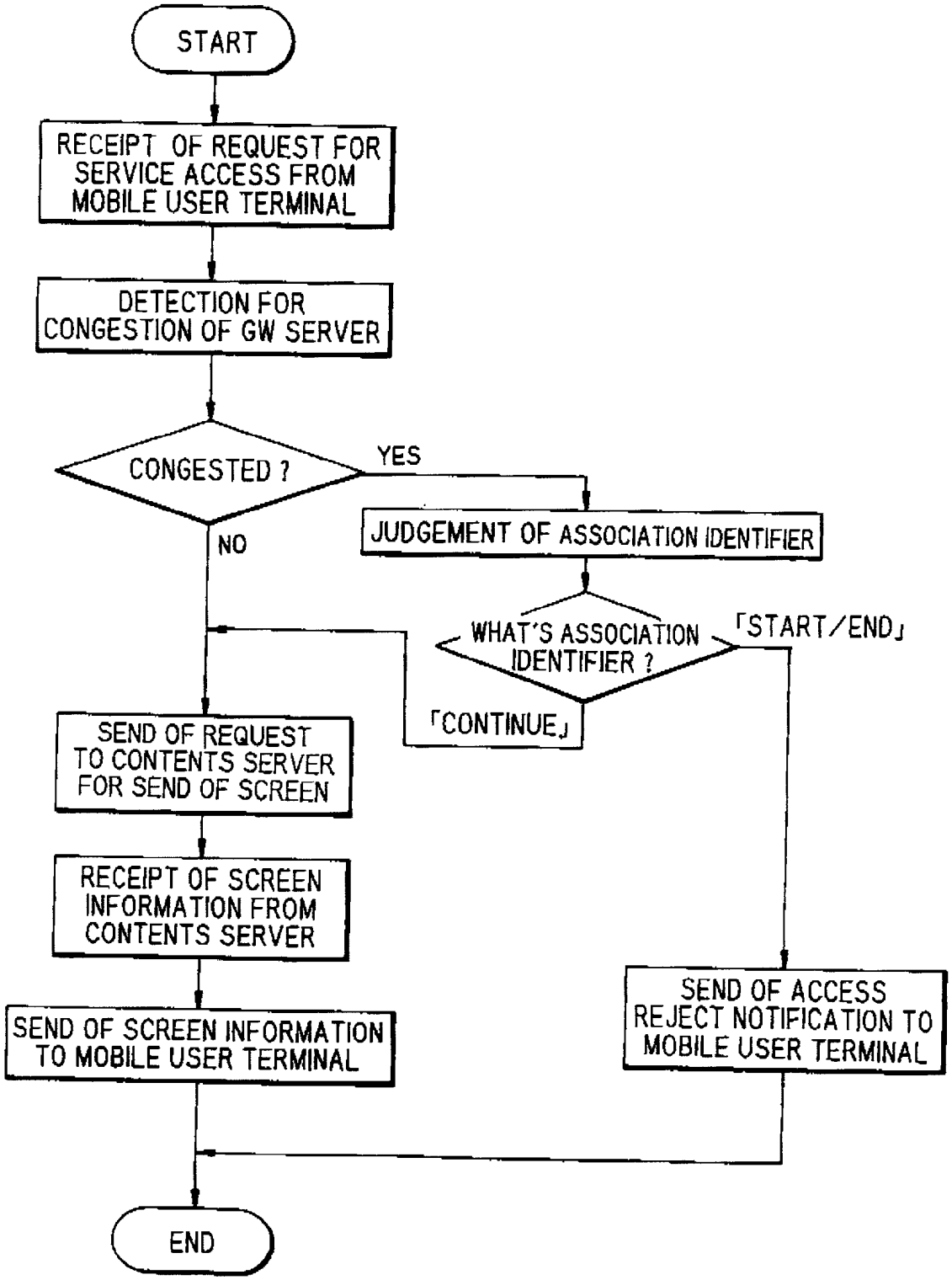

START
RECEIPT OF REQUEST FOR SERVICE ACCESS FROM MOBILE USER TERMINAL
DETECTION FOR CONGESTION OF GW SERVER
CONGESTED ?
YES
NO
JUDGEMENT OF ASSOCIATION IDENTIFIER
WHAT'S ASSOCIATION IDENTIFIER ?
「START/END」
「CONTINUE」
SEND OF REQUEST TO CONTENTS SERVER FOR SEND OF SCREEN
RECEIPT OF SCREEN INFORMATION FROM CONTENTS SERVER
SEND OF SCREEN INFORMATION TO MOBILE USER TERMINAL
SEND OF ACCESS REJECT NOTIFICATION TO MOBILE USER TERMINAL
END

FIG. 5

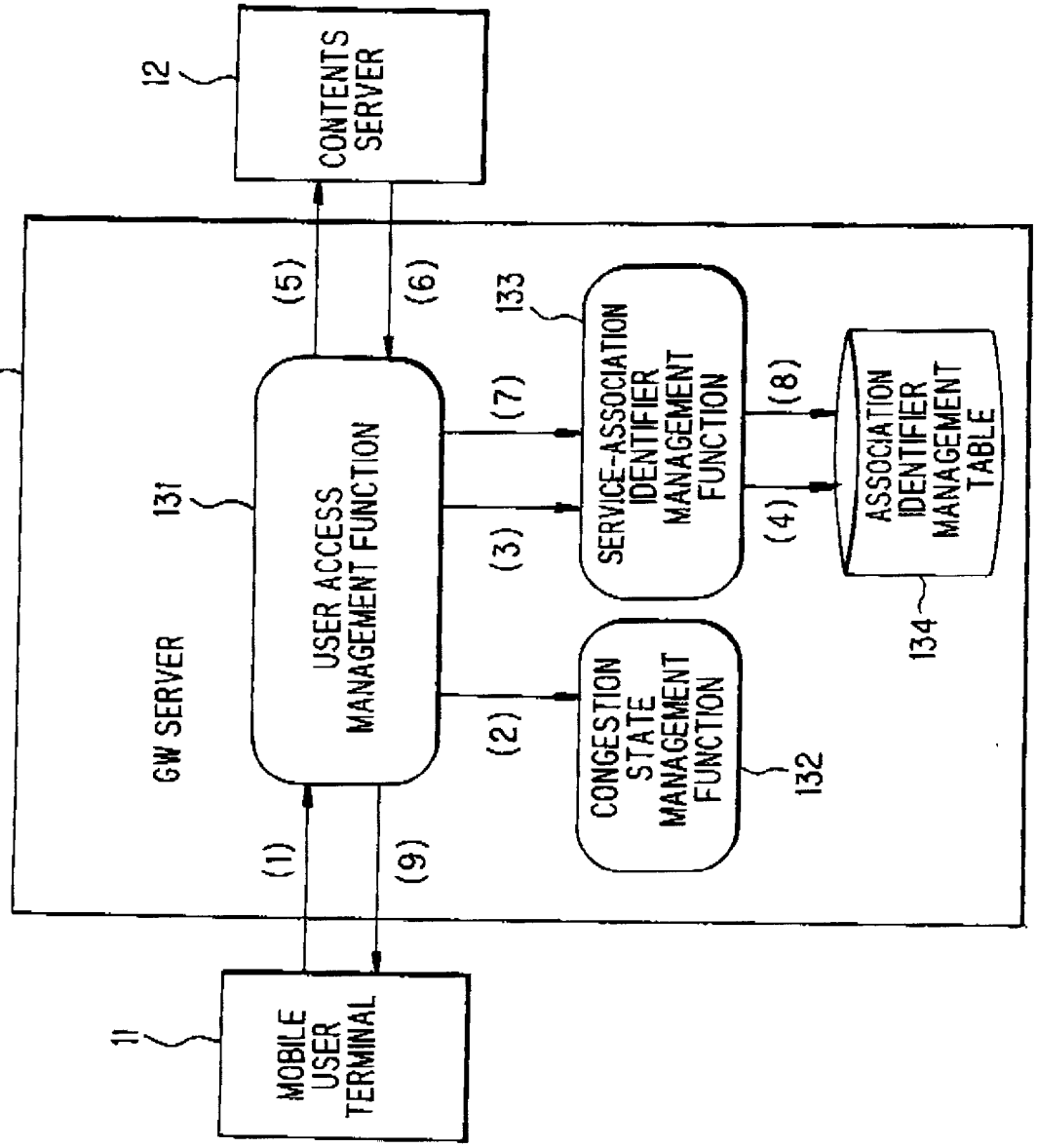

12
CONTENTS SERVER
13
GW SERVER
131
USER ACCESS MANAGEMENT FUNCTION
133
SERVICE-ASSOCIATION IDENTIFIER MANAGEMENT FUNCTION
134
ASSOCIATION IDENTIFIER MANAGEMENT TABLE
132
CONGESTION STATE MANAGEMENT FUNCTION
11
MOBILE USER TERMINAL
(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)

FIG. 6

TERMINAL ID	SERVICE SCREEN IDENTIFIER	ASSOCIATION IDENTIFIER
(PHONE NO. ETC.)	(URL ETC.)	START/CONTINUE/END

FIG. 7

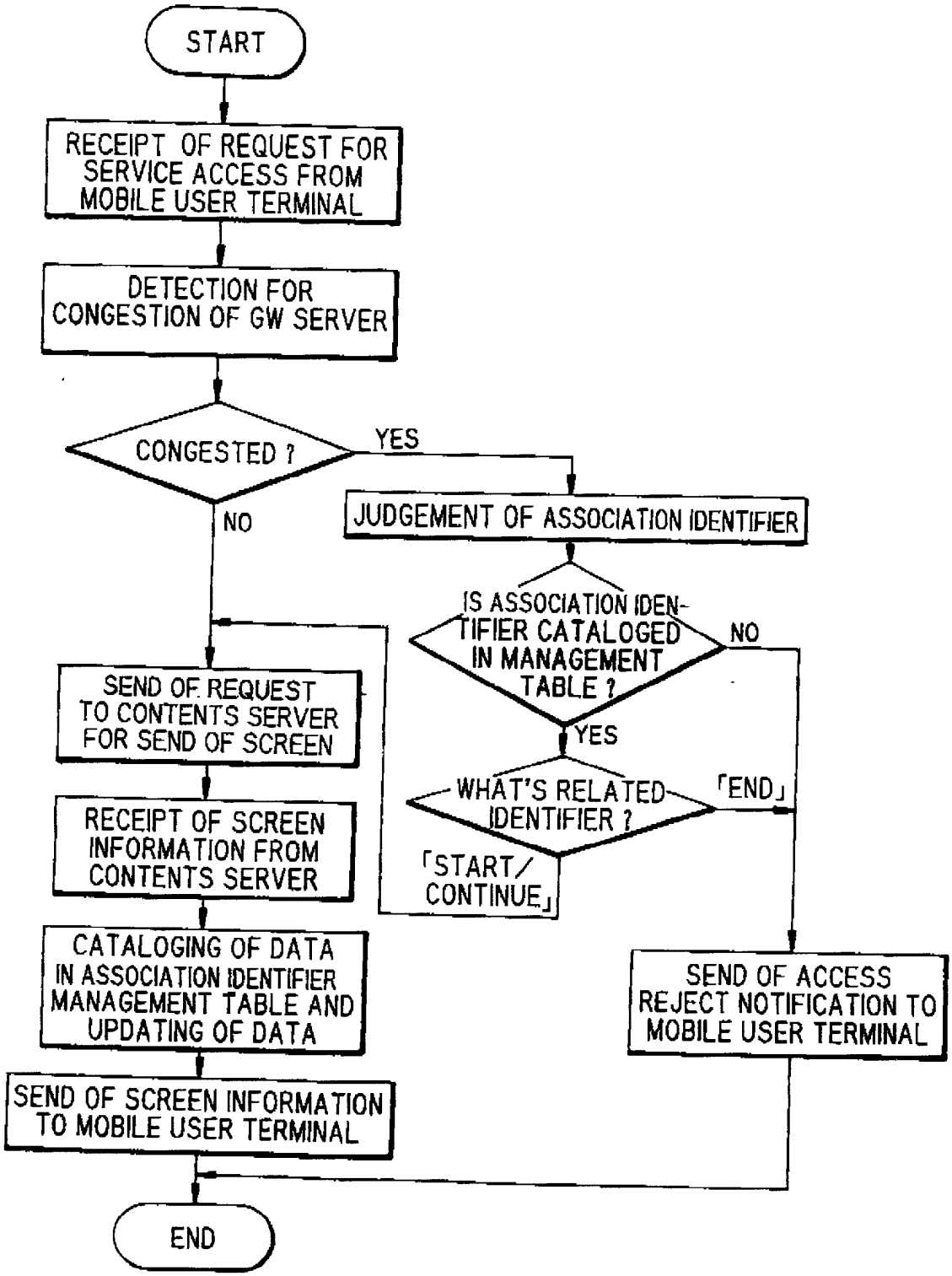

START
RECEIPT OF REQUEST FOR SERVICE ACCESS FROM MOBILE USER TERMINAL
DETECTION FOR CONGESTION OF GW SERVER
CONGESTED ?
YES
NO
JUDGEMENT OF ASSOCIATION IDENTIFIER
IS ASSOCIATION IDENTIFIER CATALOGED IN MANAGEMENT TABLE ?
NO
YES
WHAT'S RELATED IDENTIFIER ?
「END」
「START/CONTINUE」
SEND OF REQUEST TO CONTENTS SERVER FOR SEND OF SCREEN
RECEIPT OF SCREEN INFORMATION FROM CONTENTS SERVER
CATALOGING OF DATA IN ASSOCIATION IDENTIFIER MANAGEMENT TABLE AND UPDATING OF DATA
SEND OF SCREEN INFORMATION TO MOBILE USER TERMINAL
SEND OF ACCESS REJECT NOTIFICATION TO MOBILE USER TERMINAL
END

FIG. 8

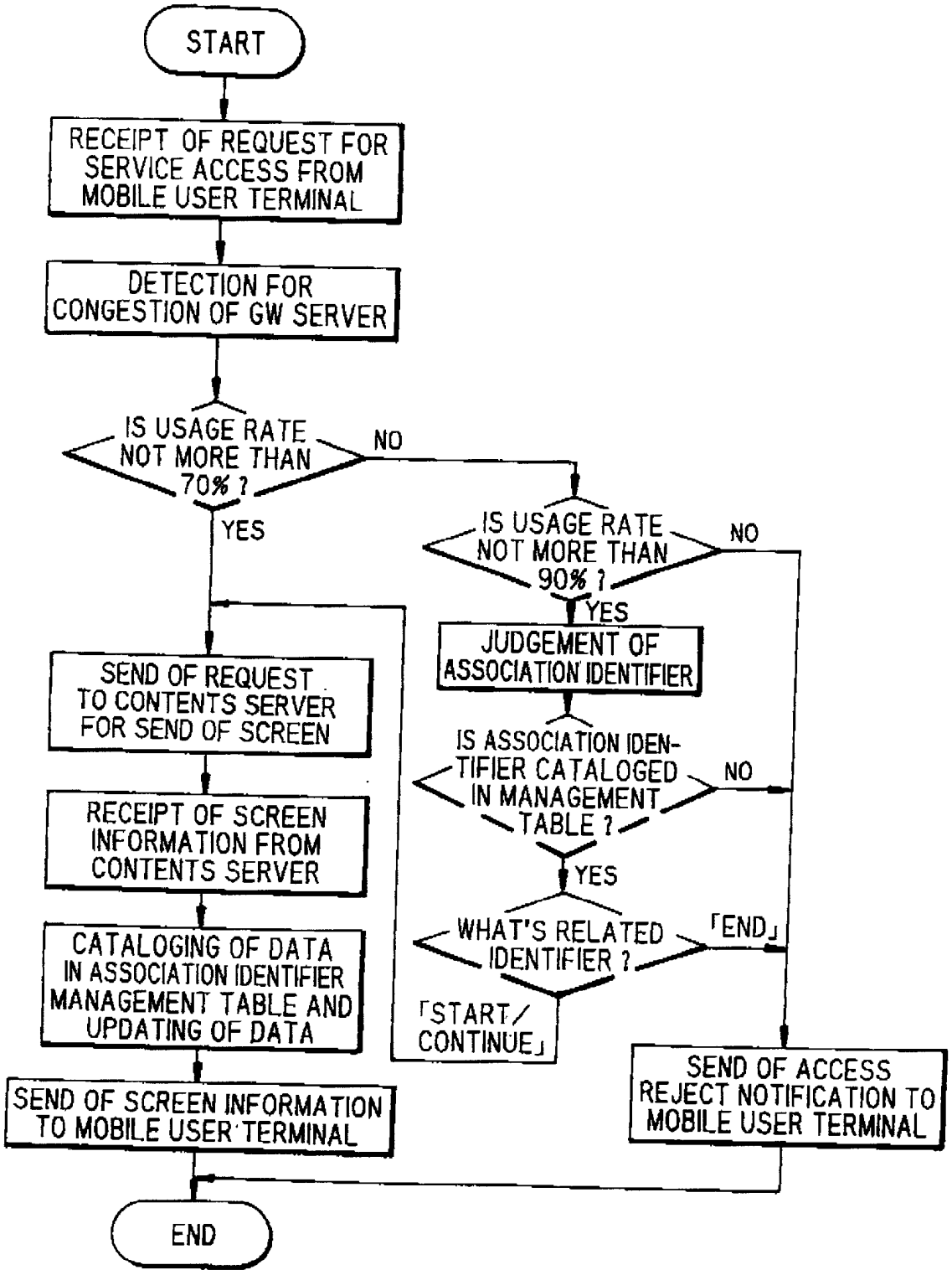
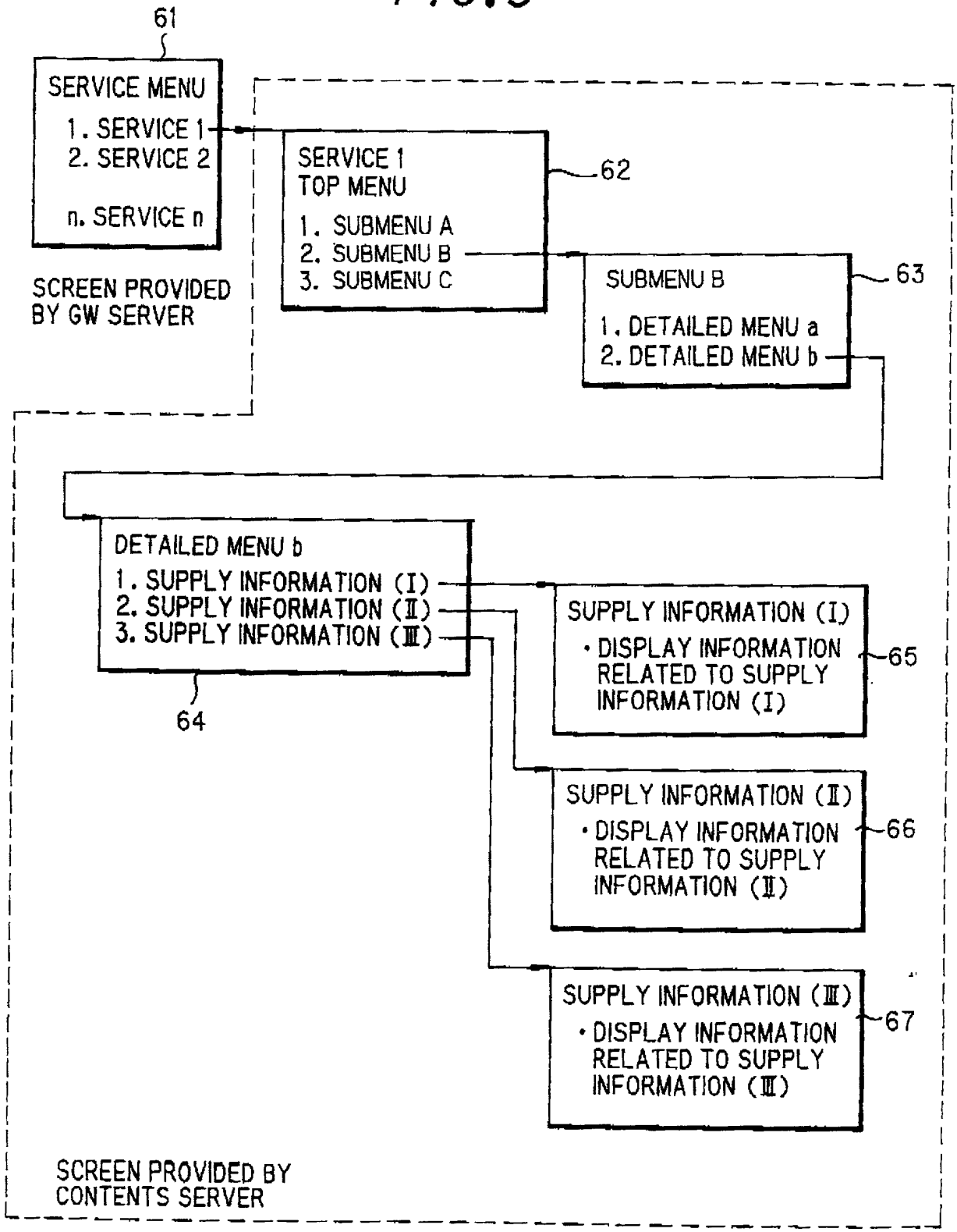

START
RECEIPT OF REQUEST FOR SERVICE ACCESS FROM MOBILE USER TERMINAL
DETECTION FOR CONGESTION OF GW SERVER
IS USAGE RATE NOT MORE THAN 70% ?
NO
YES
IS USAGE RATE NOT MORE THAN 90% ?
NO
YES
JUDGEMENT OF ASSOCIATION IDENTIFIER
IS ASSOCIATION IDENTIFIER CATALOGED IN MANAGEMENT TABLE ?
NO
YES
WHAT'S RELATED IDENTIFIER ?
「END」
「START/CONTINUE」
SEND OF REQUEST TO CONTENTS SERVER FOR SEND OF SCREEN
RECEIPT OF SCREEN INFORMATION FROM CONTENTS SERVER
CATALOGING OF DATA IN ASSOCIATION IDENTIFIER MANAGEMENT TABLE AND UPDATING OF DATA
SEND OF SCREEN INFORMATION TO MOBILE USER TERMINAL
SEND OF ACCESS REJECT NOTIFICATION TO MOBILE USER TERMINAL
END

FIG. 9


61
SERVICE MENU
1. SERVICE 1
2. SERVICE 2
n. SERVICE n
SCREEN PROVIDED BY GW SERVER
SERVICE 1 TOP MENU
1. SUBMENU A
2. SUBMENU B
3. SUBMENU C
62
SUBMENU B
1. DETAILED MENU a
2. DETAILED MENU b
63
DETAILED MENU b
1. SUPPLY INFORMATION (I)
2. SUPPLY INFORMATION (II)
3. SUPPLY INFORMATION (III)
64
SUPPLY INFORMATION (I)
• DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (I)
65
SUPPLY INFORMATION (II)
• DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (II)
66
SUPPLY INFORMATION (III)
• DISPLAY INFORMATION RELATED TO SUPPLY INFORMATION (III)
67
SCREEN PROVIDED BY CONTENTS SERVER